

## **ABSTRACT**

A local area network within a residence or other building, including both wired and non-wired segments. The wired segments are based on new or existing wires in the building, wherein access to the wires is provided by means of outlets, such as a telephone system, electrical power distribution system, or cable television wiring system. The non-wired segments are based on communication using propagated waves such as radio, sound, or light (e.g. infrared). The wired and non-wired segments interface in the outlet, using a module which serves as mediator between the segments. The module can be integrated into the outlet, partially housed in the outlet, or attached externally to the outlet. Such a network allows for integrated communication of data units connected by wires and data units connected without wires.